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Amendments to Claims

1. (Original) An organic electronic device comprising a first electrode, a second electrode, and an organic active layer, wherein:

the first electrode lies on an opposite side of the organic active layer compared to the second electrode; and

at least one layer selected from the first electrode, the second electrode, a hole-transport layer, an electron-transport layer, and the organic active layer is configured to achieve low L_{background}.

- 2. (Canceled)
- 3. (Original) The organic electronic device of claim 1 or the process of claim 2, wherein the at least one layer has a thickness in a range of d₁-d₂, wherein d₁ and d₂ are determined by:

 $2\eta d_1 \cos(\theta) + \phi = (m+1/4)/\lambda$ $2\eta d_2 \cos(\theta) + \phi = (m+3/4)/\lambda$

(Equation 1)

(Equation 2)

wherein:

 η is a refractive index of a material of the at least one layer at a specific wavelength (λ);

d₁ is a first thickness of the at least one layer;

d₂ is a second thickness of the at least one layer;

 θ is an angle of incident radiation;

 ϕ is a total phase change of radiation reflected by an ideal reflector at λ ; m is an integer; and

λ is the specific wavelength.

- 4. (Canceled)
- 5. (Original) An organic electronic device comprising:

an organic active layer; and

a first electrode having a side opposite the organic active layer, wherein:

the first electrode comprises a first electrode layer lying at the side opposite the organic active layer; and

the first electrode layer is configured to achieve low Lbackground.

6. (Original) The organic electronic device of claim 5, further comprising a second electrode, wherein:

the organic active layer lies between the first electrode and the second electrode;

a second electrode has a side opposite the organic active layer; and

the second electrode comprises a second electrode layer lying at the side opposite the organic active layer; and

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wherein the second electrode layer is configured to achieve low $L_{\text{background}}$

- 7. (Canceled)
- 8. (Canceled)
- 9. (Original) The organic electronic device of claim 5 or the process of claim 7, wherein the first electrode layer has a thickness in a range of d₁-d₂, wherein d₁ and d₂ are determined by:

$$2\eta d_1 \cos(\theta) + \phi = (m+1/4)/\lambda$$
 (Equation 1)

$$2\eta d_2 \cos(\theta) + \phi = (m+3/4)/\lambda$$
 (Equation 2)

wherein:

 η is a refractive index of a material of the first electrode layer at a specific wavelength (λ);

d₁ is a first thickness of the first electrode layer;

d₂ is a second thickness of the first electrode layer;

 θ is an angle of incident radiation;

 ϕ is a total phase change of radiation reflected by an ideal reflector at λ ;

m is an integer; and

 λ is the specific wavelength.

10. (Original) The organic electronic device of claim 5 or the process of claim 7, wherein an interfacial reflectivity is no greater than about 30 percent, wherein the interfacial reflectivity is determined by:

$$R = \frac{I_{reflected}}{I_{incldent}} = \left(\frac{\eta_x - \eta_y}{\eta_x + \eta_y}\right)^2$$
 (Equation 3)

wherein:

 η_{\times} is a refractive index of the first electrode layer; and

 η_y is a refractive index of a material lying immediately adjacent to the first electrode layer.

- 11. (Original) The organic electronic device of claim 5 or the process of claim 7, wherein the first electrode layer comprises a metal selected from a transition metal and an elemental metal.
- 12. (Original) The organic electronic device or process of claim 11, wherein the metal is selected from a group consisting of Au, Cr, Si, and Ta.
- 13. (Original) The organic electronic device or process of claim 11, wherein the first electrode layer further comprises an oxide of the metal.
 - 14. (Canceled)
 - 15. (Canceled)
 - 16. (Canceled)

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- 17. (Canceled)
- 18. (Canceled)
- 19. (Original) The organic electronic device of claim 1 or 5 or the process of claim 2, 7, 14, or 18, wherein the organic electronic device is selected from the group of light-emitting displays, radiation sensitive devices, photoconductive cells, photoresistors, photoswitches, photodetectors, phototransistors, and phototubes.